3. Weights of individual components

Sections		Weights
Industry		0.2689
Construction		0.0584
Trade		0.1355
Transport and communication		0.0934
Other services		0.4438

Mathematically, the composite index of the economic activity presents the weighted monthly dynamics of the economic activity in selected sections, and can be calculated as follows:

$$CI_t = I_{ind_t} \cdot W_{ind} + I_{cons_t} \cdot W_{cons} + I_{tra_t} \cdot W_{tra} + I_{tat_t} \cdot W_{tat} + I_{o_t} \cdot W_o \quad (1)$$

where:

CI_t – composite index of the economic activity in period t,

I_{ind_t} – indicator of economic activity trends in the section „Industry" in period t,

W_{ind} – weight of the section „Industry"

I_{cons_t} – indicator of economic activity trends in the section „Construction" in period t,

W_{cons} – weight of the section „Construction",

I_{tra_t} – indicator of economic activity trends in the section „Trade" in period t,

W_{tra} – weight of the section „Trade",

I_{tat_t} – indicator of economic activity trends in the section „Transport and communication" in period t,

W_{tat} – weight of the section „Transport and communication",

I_{o_t} – indicator of economic activity trends in the section „Other services" in period t,

W_o – weight of the section „Other services".

3. Analysis of the results

The above mentioned methodology was used for the calculation or the Serbian composite index of the economic activity. Knowing that this index is primarily aimed at observing the economic activity within the national economy in the context of the global economic and financial crisis effects, the table below presents data on its trends from January 2008 to August 2009.